

## **50 ton truck mobile crane with Euro 3 emission standard**

Sany STC500 truck crane is designed with five-section boom that is made of high strength steel structure and optimized U-shaped cross section. Its maximum lifting capacity is 50 ton, full-extended boom length of 43m.

### **Efficient & Unique Hydraulic System**

Load feedback and constant power control of the 50 ton truck crane is applied to provide strong lifting capacity and good micro-mobility. Unique steering buffer design is adopted to ensure stable braking operation.

### **Excellent Traveling Performance**

Double-axle drive is used to provide good trafficability and comfortableness under complex road condition; engine has the multimode power output function, which reduces power consumption; the use of tipping over early-warning technology provides high stable and safe operation.

### **Intelligent Electronic Control**

Self-developed controller SYMC special for engineering machinery is configured. The adoption of CAN-bus full-digital network control technology ensures stable control signal, simple harness, and high reliability. Timely feedback of data information can achieve the monitoring of the overall working status in real time.

### **The Load Moment Limiter**

Equipped with the comprehensive intelligent protection system is used with accuracy within 5%. The adoption of comprehensive logic and interlock control system ensures more safe and reliable operation.

### **More Safe Devices**

Main and auxiliary winches are equipped with over roll-out limiter to prevent over rolling-out of wire rope.

Boom and jib ends are equipped with height limiters respectively to prevent over-hoisting of wire rope.

Hydraulic system is configured with the balance valve, overflow valve and two-way hydraulic lock etc., to ensure stable and reliable operation.